

# Britta Langen

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

290  
citations

840776

11  
h-index

940533

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional response in normal mouse tissues after i.v. 211At administration - response related to absorbed dose, dose rate, and time. <i>EJNMMI Research</i> , 2015, 5, 1.	2.5	46
2	Comparative Analysis of Transcriptional Gene Regulation Indicates Similar Physiologic Response in Mouse Tissues at Low Absorbed Doses from Intravenously Administered 211At. <i>Journal of Nuclear Medicine</i> , 2013, 54, 990-998.	5.0	27
3	Hedgehog inhibitor sonidegib potentiates 177Lu-octreotate therapy of GOT1 human small intestine neuroendocrine tumors in nude mice. <i>BMC Cancer</i> , 2017, 17, 528.	2.6	24
4	Time- and dose rate-related effects of internal 177Lu exposure on gene expression in mouse kidney tissue. <i>Nuclear Medicine and Biology</i> , 2014, 41, 825-832.	0.6	19
5	Dose-specific transcriptional responses in thyroid tissue in mice after 131I administration. <i>Nuclear Medicine and Biology</i> , 2015, 42, 263-268.	0.6	19
6	Avasopasem manganese synergizes with hypofractionated radiation to ablate tumors through the generation of hydrogen peroxide. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	17
7	Priming increases the anti-tumor effect and therapeutic window of 177Lu-octreotate in nude mice bearing human small intestine neuroendocrine tumor GOT1. <i>EJNMMI Research</i> , 2017, 7, 6.	2.5	16
8	Transcriptional response of kidney tissue after 177Lu-octreotate administration in mice. <i>Nuclear Medicine and Biology</i> , 2014, 41, 238-247.	0.6	14
9	Gene expression signature in mouse thyroid tissue after 131I and 211At exposure. <i>EJNMMI Research</i> , 2015, 5, 59.	2.5	13
10	Circadian rhythm influences genome-wide transcriptional responses to 131I in a tissue-specific manner in mice. <i>EJNMMI Research</i> , 2015, 5, 75.	2.5	12
11	Transcriptional Response in Mouse Thyroid Tissue after 211At Administration: Effects of Absorbed Dose, Initial Dose-Rate and Time after Administration. <i>PLoS ONE</i> , 2015, 10, e0131686.	2.5	12
12	Microarray Studies on 211At Administration in BALB/c Nude Mice Indicate Systemic Effects on Transcriptional Regulation in Nonthyroid Tissues. <i>Journal of Nuclear Medicine</i> , 2017, 58, 346-353.	5.0	10
13	Transcriptional response to 131I exposure of rat thyroid gland. <i>PLoS ONE</i> , 2017, 12, e0171797.	2.5	10
14	Non-targeted transcriptomic effects upon thyroid irradiation: similarity between in-field and out-of-field responses varies with tissue type. <i>Scientific Reports</i> , 2016, 6, 30738.	3.3	7
15	Time-dependent transcriptional response of GOT1 human small intestine neuroendocrine tumor after 177Lu[Lu]-octreotate therapy. <i>Nuclear Medicine and Biology</i> , 2018, 60, 11-18.	0.6	7
16	Long-term transcriptomic and proteomic effects in Sprague Dawley rat thyroid and plasma after internal low dose 131I exposure. <i>PLoS ONE</i> , 2020, 15, e0244098.	2.5	7
17	Radiation-induced genomic instability in breast carcinomas of the Swedish hemangioma cohort. <i>Genes Chromosomes and Cancer</i> , 2019, 58, 627-635.	2.8	6
18	Deconvolution of expression microarray data reveals 131I-induced responses otherwise undetected in thyroid tissue. <i>PLoS ONE</i> , 2018, 13, e0197911.	2.5	5

#	ARTICLE	IF	CITATIONS
19	Age and Sex Bias in Radiation Research and How to Overcome It. Journal of Nuclear Medicine, 2019, 60, 466-466.	5.0	5
20	Up-stream events in the nuclear factor $\kappa$ B activation cascade in response to sparsely ionizing radiation. Advances in Space Research, 2009, 44, 907-916.	2.6	4
21	Age and sex effects across the blood proteome after ionizing radiation exposure can bias biomarker screening and risk assessment. Scientific Reports, 2022, 12, 7000.	3.3	4
22	Transcriptional effects of $^{177}\text{Lu}$ -octreotate therapy using a priming treatment schedule on GOT1 tumor in nude mice. EJNMMI Research, 2019, 9, 28.	2.5	3
23	Biodistribution of $^{131}\text{I}$ in mice is influenced by circadian variations. Scientific Reports, 2020, 10, 15541.	3.3	2
24	The IRI-DICE hypothesis: ionizing radiation-induced DSBs may have a functional role for non-deterministic responses at low doses. Radiation and Environmental Biophysics, 2020, 59, 349-355.	1.4	1
25	Acknowledging and overcoming barriers to entry into radiation science for women. International Journal of Radiation Biology, 2021, , 1-5.	1.8	0
26	Age-related long-term response in rat thyroid tissue and plasma after internal low dose exposure to $^{131}\text{I}$ . Scientific Reports, 2022, 12, 2107.	3.3	0